

STR-ZA1000ES

ES 7.2CH 4K AV RECEIVER

The perfect center to your automated home entertainment universe now with just the right amount of: flexible, multi-zone High Definition connectivity, easy IP integration with leading control systems, powerful browser-based configurability, and well-renowned ES build quality for an incredible Audio/Video experience that you won't easily forget.



Bullets

- 7.2 Ch. A/V Receiver (90W + 90W @ 6 Ohms, 20 – 20kHz, 0.09% THD)
- Optimized chassis and internal circuitry for incredible audio performance
- HDMI® with HDCP 2.2 support (5-in, 2-out: 1-main, 1-2nd zone)¹
- Flexible HD connectivity with 7 assignable inputs (5 HDMI®, 2 component)¹
- Optimized for custom in-home integration/system configuration
- Convenient front USB for system setup and updating²
- Web browser configurable set-up (programming)
- Seamless IP Control integration (1-port) with the leading control systems³
- Supports 4K upscaling⁴ and pass-through with 3D and full TRILUMINOS™ color support⁵
- In-ceiling mode for natural, rich front-channel sound staging
- Flexible, full-resolution multi-zone distribution capability³
- Installer friendly remote commander with preset discrete command codes
- 1, 12-Volt triggers for triggering external peripherals, amplifiers, etc.³
- 3, IR repeaters (1-in, 2-out) for external device control³
- Supports Digital Cinema Surround, Dolby®, and dts® Digital Surround Audio Codecs
- Advanced Digital Cinema Audio Calibration for quick Set-Up
- Sony® ES 5-Year Limited Warranty⁶

Features

Beautiful seven-channel sound

With 90W per channel, the STR-ZA1000 delivers cinema-like surround sound and crystal clear music reproduction (90W + 90W @ 6 Ohms, 20 – 20kHz, 0.09% THD). For special installations, the amplifier can be configured to support: 2 pairs of speakers either independently (A or B) or simultaneously (A and B), in addition to Bi-Amp fashion.

Built for sound

Every detail from the removable aluminum faceplate, to electronic component selection, special 2nd generation ES solder, structural/chassis elements, and even screw placement has been scrutinized and tuned in the higher interest of reliably consistent sound performance.

7 High Definition inputs for system flexibility

Flexible HD connectivity with 7 assignable inputs (5 HDMI®, 2 component). HDCP 2.2 compliant this ES receiver also supports simple connectivity and full-playback of "4K Premium Content" with maximum visual and multi-channel sound quality.¹ In addition the ZA1000ES allows full, native 4K video content pass-through to 4K capable televisions and projectors, and even up-scales high definition movies and TV shows to 4K quality.⁵

Optimized for custom in-home integration

Designed with the integrator in mind, Sony ES engineers took the class leading AVR GUI and tailored it for fluid integration into leading control systems using the front panel display or even web browser functionality. We've also redesigned the back panel layout to make wiring in a rack easier. Whether it's including an Install manual with a product manual or discrete IR codes in the remote, we've focused on helping you exceed your customers' expectations.

USB Front Input

Using the front mounted USB, you can easily apply system updates and during setup, save all receiver settings to a flash drive for backing up and porting over to another unit to replicate settings.²

Web Browser configurable

View, program and edit receiver settings via your Web Browser, computer, smartphone, or tablet. Enter the following into your web browser: "http://[receiver's ip-address]". * — Most modern web browsers are supported.

Seamless IP integration

The perfect partner for home automation. With help from an authorized ES dealer/installer the full power of an ES receiver can be easily integrated into expanded home automation including multi-zone audio, lighting and shades, security, appliances and almost anything else you can imagine. With built-in support for: Control4® with SDDP, Crestron, AMX Beacon, Savant, URC, RTI, Elan, Vantage, Gefen and AMX Beacon, the STR-ZA2000ES also features (1) 12-volt trigger, RS232 and IR, for added installation flexibility.³

'PING' button

Easing the IP integration process is the addition of a 'PING' button on the front of the unit for quick access to unit-specific IP information (IP and MAC address) via the front display and also easy sharing of unit 'discovery' protocols with 3rd party CI controllers.

In-Ceiling speaker mode

Developed especially for use with in-ceiling speakers and easily configured during setup, In-Ceiling Speaker Mode virtually relocates the Front and Center in-ceiling speaker sound images to better coincide with the screen. Dialog and music will sound as if coming from the screen instead of the ceiling.

Flexible zone distribution

Flexible zone distribution capability allows a Z-Series receiver to distribute audio/video sources to the 1st and 2nd zones in varying configurations providing expanded options.

Discretion advised...

Enjoy enhanced system integration, with The supplied remote control, Call up Test Tones and Video signals at the push of a button. Access frequently used Menu settings, or take advantage of discrete IR codes to ensure that remote commands perform as advertised.

Full HDMI® color gamut support

With x.v.Color™ and Deep Color technology capability, you can rest assured that all HDMI® connected video sources will look their best, displaying nearly twice (1.8x) as many viewable colors as the existing RGB color standard.¹

Only what's necessary...

A powerful catalog of playback CODECs: Digital Cinema Surround, Dolby®, dts® Digital Surround, and Neo:6 Cinema Audio Codec support ensure an optimized listening experience every time.

Advanced Digital Cinema Auto Calibration — Quick Speaker Set Up

A powerful integration tool, Advanced Digital Cinema Auto Calibration with Auto Phase Matching (APM) functionality ensures automatic, optimized audio output settings based on speaker distance and placement (microphone supplied).

Sony® ES 5-Year Limited Warranty

All ES-Series receivers come with an industry leading 5-year parts and labor warranty, 90-day advanced exchange program, and dedicated toll-free support line staffed by CEDIA-trained product experts. (1-877-619-7669; Monday – Friday 10am – 7pm ET)⁶

Amplifier/Receiver

AMPLIFIER FEATURES

| | |
|------------------------|------------------------|
| Bi-AMP | Yes |
| Digital Legato Linear | Yes |
| Number of Amp channels | 7 channels |
| Sound Optimizer | Yes |
| Speaker Impedance | 6 – 16 Ohms |
| Speaker Selector | A/B, A+B, Off |
| Speaker Terminal | Screw (Ni) |
| Sub Woofer X' Over | 17 points (40 – 200Hz) |

AMPLIFIER POWER

| | |
|--------------------------------|---------------------|
| 6 Ohms, 20 – 20kHz, 2ch driven | 90W + 90W, THD .09% |
|--------------------------------|---------------------|

CIS & CONTROL FEATURES

| | |
|-------|-----------------------------------|
| 2nd A | Speaker & Line (Variable & Fixed) |
|-------|-----------------------------------|

DCAC FEATURES

| | |
|--------------------------|------------------|
| Automatic Phase Matching | Yes |
| DCAC | Advanced D.C.A.C |
| Mic | Mono |

NETWORK FEATURES

| | |
|----------------|-----|
| CIS IP Control | Yes |
|----------------|-----|

Audio Features

DECODING FORMAT

| | |
|--|----------------------|
| 192kHz / 24bit | LPCM, Yes |
| 96kHz / 24bit | LPCM, Yes |
| DTS / DTS-ES (Matrix6.1 / Discrete6.1) | Yes / Yes |
| DTS 96 / 24 | Yes |
| DTS HD MA/ DTS HD HR | Yes / Yes |
| Dolby Digital EX / Dolby Digital | Yes / Yes |
| Dolby Prologic / II / IIx / IIz | Yes / Yes / Yes / No |
| Dolby TruHD / Dolby Digital + | Yes / Yes |

SOUND FIELD

| | |
|---------------|-----|
| 2ch | Yes |
| A.F.D. Auto | Yes |
| Analog Direct | Yes |
| HD-D.C.S. | Yes |
| Multi Stereo | Yes |
| Neo:6 Cinema | Yes |
| PLII Movie | Yes |
| PLIIx Movie | Yes |

TUNER

| | |
|------------------------|-------------------------|
| Auto Tuning | Yes |
| Direct Tuning | Yes |
| Preset Channel (FM/AM) | 60 Total (30 FM, 30 AM) |
| Station Name | Yes |

General

INSTALLATION

| | |
|--|------------------------------|
| 12V Trigger | 1 |
| 2nd V | HDMI / Component / Composite |
| 3rd A | Line (Variable / Fixed) |
| Certification (AMX / Crestron / Control 4) | Yes / Yes / Yes |
| IR Repeat (In / Out) | Yes (1 in / 2 out) |
| RS-232C for Control | Yes |

OTHER

| | |
|---|----------------------------|
| Assignable Component Video In | Yes |
| Assignable HDMI Video In | Yes |
| Auto Standby | Yes |
| Detachable AC | Yes |
| Digital Input Assign | Yes, Optical and Coaxial |
| Easy Automation | Yes with Custom Preset |
| GUI | Yes with Easy Setup Wizard |
| GUI Blending Output (from Composite / Component / HDMI) (2) | Yes |
| GUI Language | English, French, Spanish |
| Pin Jack | Nickel |
| Power Consumption | 290 W |
| Power Requirement | 120 V, 60 Hz |
| Sleep Timer | Yes (up to 2 hours) |
| Update Capability | Yes, via USB |

Inputs and Outputs

AUDIO INPUTS

| | |
|-----------------|---|
| Analog Audio In | 4 |
| Coaxial | 1 |
| Optical In | 2 |

OTHER INPUTS AND OUTPUTS

| | |
|-----|------------------------------------|
| USB | 1 (front, for setting Save / Load) |
|-----|------------------------------------|

SPEAKER OUTPUTS

| | |
|-------------------------------|-----|
| Center (Bass / Treble) | Yes |
| Center Speaker Lift Up | Yes |
| Front (Bass / Treble) | Yes |
| Front High (Bass / Treble) | Yes |
| Surround (Bass / Treble) | Yes |
| Surround Back (Bass / Treble) | Yes |

VIDEO INPUTS

| | |
|--------------------|---------------------------------------|
| Component Video In | 2 (assignable) |
| HDMI In | 5 (1 with HDCP 2.2 support) (1 front) |

VIDEO OUTPUTS

| | |
|---------------------------------------|---|
| Component Video Out | 1 |
| Composite Video Out: Inc. Monitor Out | 2 |

| | |
|----------|---------------------------|
| HDMI Out | 1 (with HDCP 2.2 support) |
|----------|---------------------------|

Video Features

A/V SYNC FEATURES

| | |
|-----------------------------|----------------|
| A/V SYNC | Yes (Variable) |
| A/V Sync Sampling Frequency | 192 kHz |
| A/V Sync Time (msec) | 0 – 300 msec |

HDMI

| | |
|--|--|
| 3D over HDMI | Yes |
| Audio Return Channel | Yes |
| BRAVIA® SYNC™ (CEC Control) | Yes (One Touch Play, System Audio Control, System Power Off) |
| DSD | Yes (HDMI) |
| HDMI™ video output capability | 4K, 1080p, 1080/24p Deep Color (up to 36 bit), TRILUMINOS™ Color (xvYCC) |
| Power Off Pass Through | Yes |
| S-Select | Yes |
| Video Up Converter (Analog Component / HDMI) | Yes (Analog to HDMI) |
| Video Up Scaler (Analog; Component / HDMI) | Yes (4K) |

Weight and Measurements

WEIGHT AND MEASUREMENTS

| | |
|---------------------------------------|--------------------------|
| Receiver Dimension (W x H x D inches) | 16.9 x 6.9 x 16.1 inches |
| Receiver Weight (pound) | 27.1 pounds |

IN THE BOX

| |
|-----------------------------------|
| Calibration Microphone (1) |
| FM Antenna (1) |
| AM Antenna (1) |
| AC Power Cord (1) |
| Remote Commander (1) |
| RO3 (size-AAA) batteries (1 pair) |
| Front Cover (1) |

1. Requires HDMI® cable sold separately.

2. Not all USB devices are compatible.

3. May require additional accessories. Check with your authorized dealer for details.

4. 4K upscaling requires a 4K projector or 4K TV.

5. Requires capable HDTV, capable video source, and HDMI® cable sold sep.

6. For full terms and conditions please visit www.esupport.sony.com.

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- Web browser configurable set-up (programming)
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- In-ceiling mode for natural, rich front-channel sound staging
- Flexible, full-resolution multi-zone distribution capability³
- Installer friendly remote commander with preset discrete command codes
- 1, 12-Volt triggers for triggering external peripherals, amplifiers, etc.³
- 3, IR repeaters (1-in, 2-out) for external device control³
- Supports Digital Cinema Surround, Dolby®, and dts® Digital Surround Audio Codecs
- Advanced Digital Cinema Audio Calibration for quick Set-Up
- Sony® ES 5-Year Limited Warranty⁶

Features

Beautiful seven-channel sound

With 95W per channel, the STR-ZA2000 delivers cinema-like surround sound and crystal clear music reproduction (95W + 95W @ 6 Ohms, 20 – 20kHz, 0.09% THD). For special installations, the amplifier can be configured to support: 2 pairs of speakers either independently (A or B) or simultaneously (A and B), in addition to Bi-Amp fashion.

Built for sound

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Discretion advised...

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Advanced Digital Cinema Auto Calibration — Quick Speaker Set Up

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Amplifier/Receiver

AMPLIFIER FEATURES

| | |
|------------------------|------------------------|
| Bi-AMP | Yes |
| Digital Legato Linear | Yes |
| Number of Amp channels | 7 channels |
| Sound Optimizer | Yes |
| Speaker Impedance | 6 – 16 Ohms |
| Speaker Selector | A/B, A+B, Off |
| Speaker Terminal | Screw (Ni) |
| Sub Woofer X' Over | 17 points (40 – 200Hz) |

AMPLIFIER POWER

| | |
|--------------------------------|---------------------|
| 6 Ohms, 20 – 20kHz, 2ch driven | 95W + 95W, THD .09% |
|--------------------------------|---------------------|

CIS & CONTROL FEATURES

| | |
|-------|-----------------------------------|
| 2nd A | Speaker & Line (Variable & Fixed) |
|-------|-----------------------------------|

DCAC FEATURES

| | |
|--------------------------|------------------|
| Automatic Phase Matching | Yes |
| DCAC | Advanced D.C.A.C |
| Mic | Mono |

NETWORK FEATURES

| | |
|----------------|-----|
| CIS IP Control | Yes |
|----------------|-----|

Audio Features

DECODING FORMAT

| | |
|--|----------------------|
| 192kHz / 24bit | LPCM, Yes |
| 96kHz / 24bit | LPCM, Yes |
| DTS / DTS-ES (Matrix6.1 / Discrete6.1) | Yes / Yes |
| DTS 96 / 24 | Yes |
| DTS HD MA/ DTS HD HR | Yes / Yes |
| Dolby Digital EX / Dolby Digital | Yes / Yes |
| Dolby Prologic / II / IIx / IIz | Yes / Yes / Yes / No |
| Dolby TruHD / Dolby Digital + | Yes / Yes |

SOUND FIELD

| | |
|---------------|-----|
| 2ch | Yes |
| A.F.D. Auto | Yes |
| Analog Direct | Yes |
| HD-D.C.S. | Yes |
| Multi Stereo | Yes |
| Neo:6 Cinema | Yes |
| PLII Movie | Yes |
| PLIIx Movie | Yes |

TUNER

| | |
|------------------------|-------------------------|
| Auto Tuning | Yes |
| Direct Tuning | Yes |
| Preset Channel (FM/AM) | 60 Total (30 FM, 30 AM) |
| Station Name | Yes |

General

INSTALLATION

| | |
|--|------------------------------|
| 12V Trigger | 1 |
| 2nd V | HDMI / Component / Composite |
| 3rd A | Line (Variable / Fixed) |
| Certification (AMX / Crestron / Control 4) | Yes / Yes / Yes |
| IR Repeat (In / Out) | Yes (1-in, 2-out) |
| RS-232C for Control | Yes |

OTHER

| | |
|---|----------------------------|
| Assignable Component Video In | Yes |
| Assignable HDMI Video In | Yes |
| Auto Standby | Yes |
| Detachable AC | Yes |
| Digital Input Assign | Yes, Optical and Coaxial |
| Easy Automation | Yes with Custom Preset |
| GUI | Yes with Easy Setup Wizard |
| GUI Blending Output (from Composite / Component / HDMI) (2) | Yes |
| GUI Language | English, French, Spanish |
| Pin Jack | Nickel |
| Power Consumption | 290 W |
| Power Requirement | 120 V, 60 Hz |
| Sleep Timer | Yes (up to 2 hours) |
| Update Capability | Yes, via USB |

Inputs and Outputs

AUDIO INPUTS

| | |
|-----------------|---|
| Analog Audio In | 4 |
| Coaxial | 1 |
| Optical In | 2 |

OTHER INPUTS AND OUTPUTS

| | |
|-----|------------------------------------|
| USB | 1 (front, for setting Save / Load) |
|-----|------------------------------------|

SPEAKER OUTPUTS

| | |
|-------------------------------|-----|
| Center (Bass / Treble) | Yes |
| Center Speaker Lift Up | Yes |
| Front (Bass / Treble) | Yes |
| Front High (Bass / Treble) | Yes |
| Surround (Bass / Treble) | Yes |
| Surround Back (Bass / Treble) | Yes |

VIDEO INPUTS

| | |
|--------------------|---------------------------------------|
| Component Video In | 2 (assignable) |
| HDMI In | 6 (1 with HDCP 2.2 support) (1 front) |

VIDEO OUTPUTS

| | |
|---------------------------------------|---------------------------|
| Component Video Out | 1 |
| Composite Video Out: Inc. Monitor Out | 2 |
| HDMI Out | 1 (with HDCP 2.2 support) |

Video Features

A/V SYNC FEATURES

| | |
|-----------------------------|----------------|
| A/V SYNC | Yes (Variable) |
| A/V Sync Sampling Frequency | 192 kHz |
| A/V Sync Time (msec) | 0 – 300 msec |

HDMI

| | |
|--|--|
| 3D over HDMI | Yes |
| Audio Return Channel | Yes |
| BRAVIA® SYNC™ (CEC Control) | Yes (One Touch Play, System Audio Control, System Power Off) |
| DSD | Yes (HDMI) |
| HDMI™ video output capability | 4K, 1080p, 1080/24p Deep Color (up to 36 bit), TRILUMINOS™ Color (xvYCC) |
| Power Off Pass Through | Yes |
| S-Select | Yes |
| Video Up Converter (Analog Component / HDMI) | Yes (Analog to HDMI) |
| Video Up Scaler (Analog Component / HDMI) | Yes (4K) |

Weight and Measurements

WEIGHT AND MEASUREMENTS

| | |
|---------------------------------------|--------------------------|
| Receiver Dimension (W x H x D inches) | 16.9 x 6.9 x 16.1 inches |
| Receiver Weight (pound) | 28.7 pounds |

IN THE BOX

| |
|-----------------------------------|
| Calibration Microphone (1) |
| FM Antenna (1) |
| AM Antenna (1) |
| AC Power Cord (1) |
| Remote Commander (1) |
| R03 (size-AAA) batteries (1 pair) |
| Front Cover (1) |

1. Requires HDMI® cable sold separately.

2. Not all USB devices are compatible.

3. May require additional accessories. Check with your authorized dealer for details.

4. 4K upscaling requires a 4K projector or 4K TV.

5. Requires capable HDTV, capable video source, and HDMI® cable sold sep.

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- Flexible HD connectivity with 8 assignable inputs (6 HDMI®, 2 component)¹
- 8-port Giga Ethernet Hub with PoE (2) support² for flexible connectivity
- Convenient front USB for system updating and setup³
- Web browser configurable set-up (programming)
- Optimized for custom in-home integration, and system configuration
- Seamless IP Control integration with the leading control systems⁴
- Supports 4K upscaling⁵ and pass-through with 3D and full TRILUMINOS™ color support⁶
- In-ceiling mode for natural, rich front-channel sound staging
- Flexible, full-resolution multi-zone distribution capability⁴
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8-Port Audio grade Giga Ethernet Switch

An 8-Port Ethernet switch with PoE, Power over Ethernet functionality² (2 outlets), Ideal for local interfacing to: leading control systems, computers, media boxes, Blu-Ray Disc™ players, and game consoles directly through the receiver.

USB Front Input

Using the front mounted USB, you can easily apply system updates and during setup, save all receiver settings to a flash drive for backing up and porting over to another unit to replicate settings.³

Web Browser configurable

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Discretion advised...

Enjoy enhanced system integration, with The supplied remote control, Call up Test Tones and Video signals at the push of a button. Access frequently used Menu settings, or take advantage of discrete IR codes to ensure that remote commands perform as advertised.

Full HDMI® color gamut support

With x.v.Color™ and Deep Color technology capability, you can rest assured that all HDMI® connected video sources will look their best, displaying nearly twice (1.8x) as many viewable colors as the existing RGB color standard.¹

Only what's necessary...

A powerful catalog of playback CODECs: Digital Cinema Surround, Dolby®, dts® Digital Surround, and Neo:6 Cinema Audio Codec support ensure an optimized listening experience every time...

Advanced Digital Cinema Auto Calibration — Quick Speaker Set Up

A powerful integration tool, Advanced Digital Cinema Auto Calibration with Auto Phase Matching (APM) functionality ensures automatic, optimized audio output settings based on speaker distance and placement (microphone supplied).

Sony® ES 5-Year Limited Warranty

All ES-Series receivers come with an industry leading 5-year parts and labor warranty, 90-day advanced exchange program, and dedicated toll-free support line staffed by CEDIA-trained product experts. (1-877-619-7669; Monday – Friday 10am – 7pm ET)⁷

Amplifier/Receiver

AMPLIFIER FEATURES

| | |
|------------------------|------------------------|
| Bi-AMP | Yes |
| Digital Legato Linear | Yes |
| Number of Amp channels | 7 channels |
| Sound Optimizer | Yes |
| Speaker Impedance | 6 – 16 Ohms |
| Speaker Selector | A/B, A+B, Off |
| Speaker Terminal | Screw (Ni) |
| Sub Woofer X' Over | 17 points (40 – 200Hz) |

AMPLIFIER POWER

| | |
|--------------------------------|-----------------------|
| 6 Ohms, 20 – 20kHz, 2ch driven | 100W + 100W, THD .09% |
|--------------------------------|-----------------------|

CIS & CONTROL FEATURES

| | |
|-------|-----------------------------------|
| 2nd A | Speaker & Line (Variable & Fixed) |
|-------|-----------------------------------|

DCAC FEATURES

| | |
|--------------------------|------------------|
| Automatic Phase Matching | Yes |
| DCAC | Advanced D.C.A.C |
| Mic | Mono |

NETWORK FEATURES

| | |
|----------------|-----|
| CIS IP Control | Yes |
| Network Update | No |

Audio Features

DECODING FORMAT

| | |
|--|----------------------|
| 192kHz / 24bit | LPCM, Yes |
| 96kHz / 24bit | LPCM, Yes |
| DTS / DTS-ES (Matrix6.1 / Discrete6.1) | Yes / Yes |
| DTS 96 / 24 | Yes |
| DTS HD MA / DTS HD HR | Yes / Yes |
| Dolby Digital EX / Dolby Digital | Yes / Yes |
| Dolby Prologic / II / IIx / IIz | Yes / Yes / Yes / No |
| Dolby TruHD / Dolby Digital + | Yes / Yes |

SOUND FIELD

| | |
|---------------|-----|
| 2ch | Yes |
| A.F.D. Auto | Yes |
| Analog Direct | Yes |
| HD-D.C.S. | Yes |
| Multi Stereo | Yes |
| Neo:6 Cinema | Yes |
| PLII Movie | Yes |
| PLIIx Movie | Yes |

TUNER

| | |
|------------------------|-------------------------|
| Auto Tuning | Yes |
| Direct Tuning | Yes |
| Preset Channel (FM/AM) | 60 Total (30 FM, 30 AM) |
| Station Name | Yes |

General

INSTALLATION

| | |
|--|------------------------------|
| 12V Trigger | 3 |
| 2nd V | HDMI / Component / Composite |
| 3rd A | Line (Variable / Fixed) |
| Certification (AMX/Crestron/Control 4) | Yes / Yes / Yes |
| IR Repeat (In/Out) | Yes (1-in, 2-out) |
| RS-232C for Control | Yes |

OTHER

| | |
|---|----------------------------|
| Assignable Component Video In | Yes |
| Assignable HDMI Video In | Yes |
| Auto Standby | Yes |
| Detachable AC | Yes |
| Digital Input Assign | Yes, Optical and Coaxial |
| Easy Automation | Yes with Custom Preset |
| GUI | Yes with Easy Setup Wizard |
| GUI Blending Output (from Composite / Component / HDMI) (2) | Yes |
| GUI Language | English, French, Spanish |
| Pin Jack | Nickel |
| Power Consumption | 290 W |
| Power Requirement | 120 V, 60 Hz |
| Sleep Timer | Yes (up to 2 hours) |
| Update Capability | Yes, via USB |

Inputs and Outputs

AUDIO INPUTS

| | |
|-----------------|---|
| Analog Audio In | 4 |
| Coaxial | 1 |
| Optical In | 2 |

AUDIO OUTPUTS

| | |
|-------------------------------|-----|
| Pre Out (Center) | Yes |
| Pre Out (Front (L/R)) | Yes |
| Pre Out (Subwoofer) | Yes |
| Pre Out (Surround (L/R)) | Yes |
| Pre Out (Surround Back (L/R)) | Yes |

OTHER INPUTS AND OUTPUTS

| | |
|--------------------------|---|
| Ethernet (Switching HUB) | 8-port Giga Ethernet Hub (with PoE support (2)) |
| USB | 1 (front, for setting Save / Load) |

SPEAKER OUTPUTS

| | |
|-----------------------------|-----|
| Center (Bass/Treble) | Yes |
| Center Speaker Lift Up | Yes |
| Front (Bass/Treble) | Yes |
| Front High (Bass/Treble) | Yes |
| Surround (Bass/Treble) | Yes |
| Surround Back (Bass/Treble) | Yes |

VIDEO INPUTS

| | |
|--------------------|---------------------------------------|
| Component Video In | 2 (assignable) |
| HDMI In | 6 (1 front) (2 with HDCP 2.2 support) |

VIDEO OUTPUTS

| | |
|---------------------|---------------------------|
| Component Video Out | 1 |
| Composite Video Out | Inc. Monitor Out: 2 |
| HDMI Out | 2 (with HDCP 2.2 support) |

Video Features

A/V SYNC FEATURES

| | |
|-----------------------------|----------------|
| A/V SYNC | Yes (Variable) |
| A/V Sync Sampling Frequency | 192 kHz |
| A/V Sync Time (msec) | 0 – 300 msec |

HDMI

| | |
|--|--|
| 3D over HDMI | Yes |
| Audio Return Channel | Yes |
| BRAVIA® SYNC™ (CEC Control) | Yes (One Touch Play, System Audio Control, System Power Off) |
| DSD | Yes (HDMI) |
| HDMI™ video output capability | 4K, 1080p, 1080/24p Deep Color (up to 36 bit), TRILUMINOS™ Color (xvYCC) |
| Power Off Pass Through | Yes |
| S-Select | Yes |
| Video Up Converter (Analog Component / HDMI) | Yes (Analog to HDMI) |
| Video Up Scaler (Analog; Component /HDMI) | Yes (4K) |

Weight and Measurements

WEIGHT AND MEASUREMENTS

| | |
|---------------------------------------|--------------------------|
| Receiver Dimension (W x H x D inches) | 16.9 x 6.9 x 16.1 inches |
|---------------------------------------|--------------------------|

WEIGHT AND MEASUREMENTS (CONT'D)

| | |
|-------------------------|-------------|
| Receiver Weight (pound) | 29.5 pounds |
|-------------------------|-------------|

IN THE BOX

| |
|-----------------------------------|
| Calibration Microphone (1) |
| FM Antenna (1) |
| AM Antenna (1) |
| AC Power Cord (1) |
| Remote Commander (1) |
| R03 (size-AAA) batteries (1 pair) |
| Front Cover (1) |



1. Requires HDMI® cable sold separately.
2. Not all USB devices are compatible.
3. May require additional accessories. Check with your authorized dealer for details.
4. 4K upscaling requires a 4K projector or 4K TV.
5. Requires capable HDTV, capable video source, and HDMI® cable sold sep.
6. For full terms and conditions please visit www.esupport.sony.com.

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STR-ZA5000ES

9.2 Channel 4K AV Receiver

The perfect center to your automated home entertainment universe now with just the right amount of: flexible, multi-zone, high-definition connectivity, easy IP integration with leading control systems, powerful browser-based configurability, and well-renowned ES build quality for an incredible Audio/Video experience that you won't easily forget.



Bullets

- 9.2 Ch. A/V Receiver (130W @ 8 ohms, 1 kHz, THD 0.9%)
- Supports Dolby ATMOS and DTS:X decoding up to 11.1ch (using 2 extra power amplifiers).
- Optimized chassis and internal circuitry for incredible audio performance
- HDMI® with HDCP 2.2 support (6in/2out)¹
- Flexible HD connectivity with 8 assignable inputs (6 HDMI, 2 component)¹
- 8-port Giga Ethernet Hub with PoE (x2) support² for flexible connectivity
- Convenient front USB for system updating and setup³
- Web browser configurable set-up (programming)
- Optimized especially for custom in-home integration, and system configuration
- Seamless IP Control integration with the leading control systems⁴
- Supports 4K upscaling⁵ and pass-through with 3D and full TRILUMINOS™ color support⁶
- In-ceiling mode for natural, rich front-channel sound staging
- Flexible, full-resolution multi-zone distribution capability⁴
- Installer friendly remote commander with preset discrete command codes
- 3, 12-Volt triggers for triggering external peripherals, amplifiers, etc.⁴
- 3, IR repeaters (1-in, 2-out) for external device control⁴
- Advanced Digital Cinema Audio Calibration for quick Set-Up
- Sony® ES 5-Year Limited Warranty⁷

Features

Beautiful nine-channel object based surround sound

With 130W per channel, the STR-ZA5000ES delivers cinema-like surround sound and crystal clear music reproduction (130W @ 8 ohms, 1 kHz, THD 0.9%). For special installations, the amplifier can be configured to support: 2 pairs of speakers either independently (A or B) or simultaneously (A and B), in addition to Bi-Amp fashion.

Supports Dolby Atmos®, and DTS:X® object based surround

You'll feel like you're inside the action as the sounds of people, music, and things move all around you in three-dimensional space.

Built for sound

Every detail from the removable aluminum faceplate, to electronic component selection, special 2nd generation ES solder, structural/chassis elements, and even screw placement has been scrutinized and tuned in the higher interest of reliably consistent sound performance. The STR-ZA5000ES offers improved structural stability for better sound via the analogue signal path. This circuit is located on a glass epoxy board, in order to achieve higher speed and power. The STR-ZA5000ES also features high-quality speaker terminals with gold plating.

8 High Definition inputs for system flexibility¹⁴

Flexible HD connectivity with 8 assignable inputs (6 HDMI®, 2 component). HDCP 2.2 compliant this ES receiver also supports simple connectivity and full-playback of "4K Premium Content" with maximum visual and multi-channel sound quality.¹ In addition the ZA5000ES allows full, native 4K video content pass-through to 4K capable televisions and projectors, and even up-scales high definition movies and TV shows to 4K quality.⁶

Optimized for custom in-home integration

Designed with the integrator in mind, Sony ES engineers took the class leading AVR GUI and tailored it for fluid integration into leading control systems using the front panel display or even web browser functionality. We've also redesigned the back panel layout to make wiring in a rack easier. Whether it's including an Install manual with a product manual or discrete IR codes in the remote, we've focused on helping you exceed your customers' expectations.

8-Port Audio grade Giga Ethernet Switch

An 8-Port Ethernet switch with PoE, Power over Ethernet functionality² (2 outlets), Ideal for local interfacing to: leading control systems, computers, media boxes, Blu-Ray Disc™ players, and game consoles directly through the receiver.

USB Front Input

Using the front mounted USB, you can easily apply system updates and during setup, save all receiver settings to a flash drive for backing up and porting over to another unit to replicate settings.³

Web Browser configurable

View, program and edit receiver settings via your Web Browser, computer, smartphone, or tablet. Enter the following into your web browser*: "http://[receiver's ip-address]/". * — Most modern web browsers are supported.

Seamless IP Integration

With help from your authorized ES dealer/installer the full power of an ES receiver can be easily integrated into expanded home automation including multi-zone audio, lighting and shades, security, appliances and almost anything else you can imagine. Control4® Certified and featuring Crestron Connected™, AMX Beacon, Savant, URC and RTI support, The STR-ZA5000ES also features 12-volt triggers, RS232 and IR, for added installation flexibility.⁴

'PING' button

Easing the IP integration process is the addition of a 'PING' button on the front of the unit for quick access to unit-specific IP information (IP and MAC address) via the front display and also easy sharing of unit 'discovery' protocols with 3rd party CI controllers.

In-Ceiling speaker mode

Developed especially for use with in-ceiling speakers and easily configured during setup, In-Ceiling Speaker Mode virtually relocates the Front and Center in-ceiling speaker sound images to better coincide with the screen. Dialog and music will sound as if coming from the screen instead of the ceiling.

Flexible zone distribution

Flexible zone distribution capability allows a Z-Series receiver to distribute audio/video sources to the 1st and 2nd zones in varying configurations providing expanded options.

Discretion advised...

Enjoy enhanced system integration, with The supplied remote control, Call up Test Tones and Video signals at the push of a button. Access frequently used Menu settings, or take advantage of discrete IR codes to ensure that remote commands perform as advertised.

Full HDMI® color gamut support

With x.v.Color™ and Deep Color technology capability, you can rest assured that all HDMI® connected video sources will look their best, displaying nearly twice (1.8x) as many viewable colors as the existing RGB color standard.¹

Only what's necessary...

A powerful catalog of playback CODECs: Digital Cinema Surround, Dolby®, dts® Digital Surround, and Neo:6 Cinema Audio Codec support ensure an optimized listening experience every time...

Advanced Digital Cinema Auto Calibration – Quick Speaker Set Up

A powerful integration tool, Advanced Digital Cinema Auto Calibration with Auto Phase Matching (APM) functionality ensures automatic, optimized audio output settings based on speaker distance and placement (microphone supplied).

Sony® ES 5-Year Limited Warranty

All ES-Series receivers come with an industry leading 5-year parts and labor warranty, 90-day advanced exchange program, and dedicated toll-free support line staffed by CEDIA-trained product experts. (1-877-619-7669; Monday – Friday 10am – 7pm ET)⁷

Amplifier/Receiver

AMPLIFIER FEATURES

| | |
|--------------------------|---------------------|
| Number of Amp channels | 9 channels |
| Decodable Channel number | 11.1 channels |
| Sound Optimizer | Yes |
| Speaker Impedance | 4-16 Ohms |
| Speaker Selector | A/B, A+B, Off |
| Speaker Terminal | Screw (Gold Plated) |
| Bi-AMP | Yes |
| Digital Legato Linear | Yes |

AMPLIFIER POWER

| | |
|--------------------------|-----------------------|
| 8 Ohms, 1kHz, 2ch driven | 130W + 130W, THD .09% |
|--------------------------|-----------------------|

DCAC FEATURES

| | |
|--------------------------|---------------------|
| Automatic Phase Matching | Yes |
| DCAC | Advanced D.C.A.C EX |
| Mic | Stereo |

NETWORK FILTERS

| | |
|--------------------|-----------|
| Update NETWORK/USB | Yes / Yes |
|--------------------|-----------|

HDMI

| | |
|-------------------|----------------------|
| IN / OUT | 6 / 2 |
| HDCP 2.2 Repeater | 6 / 2 (4K 60p 4:4:4) |

VIDEO

| | |
|-------------------------------|-------------------|
| INPUTS COMPOSITE / COMPONENT | 2 / 2(Assignable) |
| OUTPUTS COMPOSITE / COMPONENT | 2 / - |

AUDIO

| | |
|-------------------------------|---------------|
| INPUTS ANALOG/OPTICAL/COAXIAL | 4 / 2 / 1 |
| AUDIO PRE-OUTS | 11.2 channels |

Audio Features

DECODING FORMAT

| | |
|----------------|-----------|
| 192kHz / 24bit | LPCM, Yes |
| 96kHz / 24bit | LPCM, Yes |
| DTS:X | Yes |

| | |
|--|---------------------|
| DTS / DTS-ES (Matrix6.1 / Discrete6.1) | Yes / Yes |
| DTS 96 / 24 | Yes |
| DTS HD MA / DTS HD HR | Yes / Yes |
| Dolby Atmos | Yes |
| Dolby Digital EX / Dolby Digital | Yes / Yes |
| Dolby Prologic / II / IIx / IIz | Yes / Yes / Yes / - |
| Dolby TruHD / Dolby Digital + | Yes / Yes |

SOUND FIELD

| | |
|----------------|-----|
| 2ch Stereo | Yes |
| DIRECT | Yes |
| A.F.D. | Yes |
| Dolby Surround | Yes |
| Neural:X | Yes |
| Multi Stereo | Yes |
| PLII Movie | Yes |
| PLIIx Movie | Yes |

TUNER

| | |
|------------------------|-------------------------|
| Auto Tuning | Yes |
| Direct Tuning | Yes |
| Preset Channel (FM/AM) | 60 Total (30 FM, 30 AM) |
| Station Name | Yes |

General

INSTALLATION

| | |
|--|------------------------------|
| 12V Trigger | 3 |
| 2nd V | HDMI / Component / Composite |
| 3rd A | Line (Variable / Fixed) |
| Certification (AMX/Crestron/Control 4) | Yes / Yes / Yes |
| IR Repeat (In/Out) | Yes (1-in, 2-out) |
| RS-232C for Control | Yes |

OTHER

| | |
|---|----------------------------|
| Assignable Component Video In | Yes |
| Assignable HDMI Video In | Yes |
| Auto Standby | Yes |
| Detachable AC | Yes |
| Digital Input Assign | Yes, Optical and Coaxial |
| Easy Automation | Yes with Custom Preset |
| GUI | Yes with Easy Setup Wizard |
| GUI Blending Output (from Composite / Component / HDMI) (2) | Yes |
| GUI Language | English, French, Spanish |
| Pin Jack | Nickel |
| Power Consumption | 290 W |
| Power Requirement | 120 V, 60 Hz |

| | |
|---------------------------------|--|
| Sleep Timer | Yes (up to 2 hours) |
| Update Capability | Yes, via USB |
| Inputs and Outputs | |
| AUDIO INPUTS | |
| Analog Audio In | 4 |
| Coaxial | 1 |
| Optical In | 2 |
| AUDIO OUTPUTS | |
| Pre Out (Center) | Yes |
| Pre Out (Front (L/R)) | Yes |
| Pre Out (Subwoofer) | Yes |
| Pre Out (Surround (L/R)) | Yes |
| Pre Out (Surround Back (L/R)) | Yes |
| OTHER INPUTS AND OUTPUTS | |
| Ethernet (Switching HUB) | 8-port Giga Ethernet Hub (with PoE support (2)) |
| USB | 1 (front, for setting Save / Load) |
| SPEAKER OUTPUTS | |
| Center (Bass/Treble) | Yes |
| Center Speaker Lift Up | Yes |
| Front (Bass/Treble) | Yes |
| Front High (Bass/Treble) | Yes |
| Surround (Bass/Treble) | Yes |
| Surround Back (Bass/Treble) | Yes |
| VIDEO INPUTS | |
| Component Video In | 2 (assignable) |
| HDMI In | 6 (1 front) (2 with HDCP 2.2 support) |
| VIDEO OUTPUTS | |
| Component Video Out | 1 |
| Composite Video Out | Inc. Monitor Out: 2 |
| HDMI Out | 2 (with HDCP 2.2 support) |
| Video Features | |
| A/V SYNC FEATURES | |
| A/V SYNC | Yes (Variable) |
| A/V Sync Sampling Frequency | 192 kHz |
| A/V Sync Time (msec) | 0 – 300 msec |
| HDMI | |
| 3D over HDMI | Yes |
| Audio Return Channel | Yes |
| BRAVIA® SYNC™ (CEC Control) | Yes (One Touch Play, System Audio Control, System Power Off) |
| DSD | Yes (HDMI) |
| HDMI™ video output capability | 4K, 1080p, 1080/24p Deep Color (up to 36 bit), TRILUMINOS™ Color (xvYCC) |
| Power Off Pass Through | Yes |
| S-Select | Yes |

| | |
|--|----------------------|
| Video Up Converter (Analog Component / HDMI) | Yes (Analog to HDMI) |
|--|----------------------|

| | |
|---|----------|
| Video Up Scaler (Analog; Component /HDMI) | Yes (4K) |
|---|----------|

Weight and Measurements

WEIGHT AND MEASUREMENTS

| | |
|---------------------------------------|--------------------------|
| Receiver Dimension (W x H x D inches) | 16.9 x 6.9 x 16.1 inches |
|---------------------------------------|--------------------------|

WEIGHT AND MEASUREMENTS (CONT'D)

| | |
|-------------------------|-------------|
| Receiver Weight (pound) | 29.5 pounds |
|-------------------------|-------------|

IN THE BOX

Calibration Microphone (1)

FM Antenna (1)

AM Antenna (1)

AC Power Cord (1)

Remote Commander (1)

R03 (size-AAA) batteries (1 pair)

Front Cover (1)

1. Requires HDMI® cable sold separately.

2. This receiver supports PoE Class 3.

3. Not all USB devices are compatible.

4. May require additional accessories. Check with your authorized dealer for details.

5. 4k upscaling requires a 4K projector or 4K TV.

6. Requires capable HDTV, capable video source, and HDMI® cable sold sep.

7. For full terms and conditions please visit www.esupport.sony.com.

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